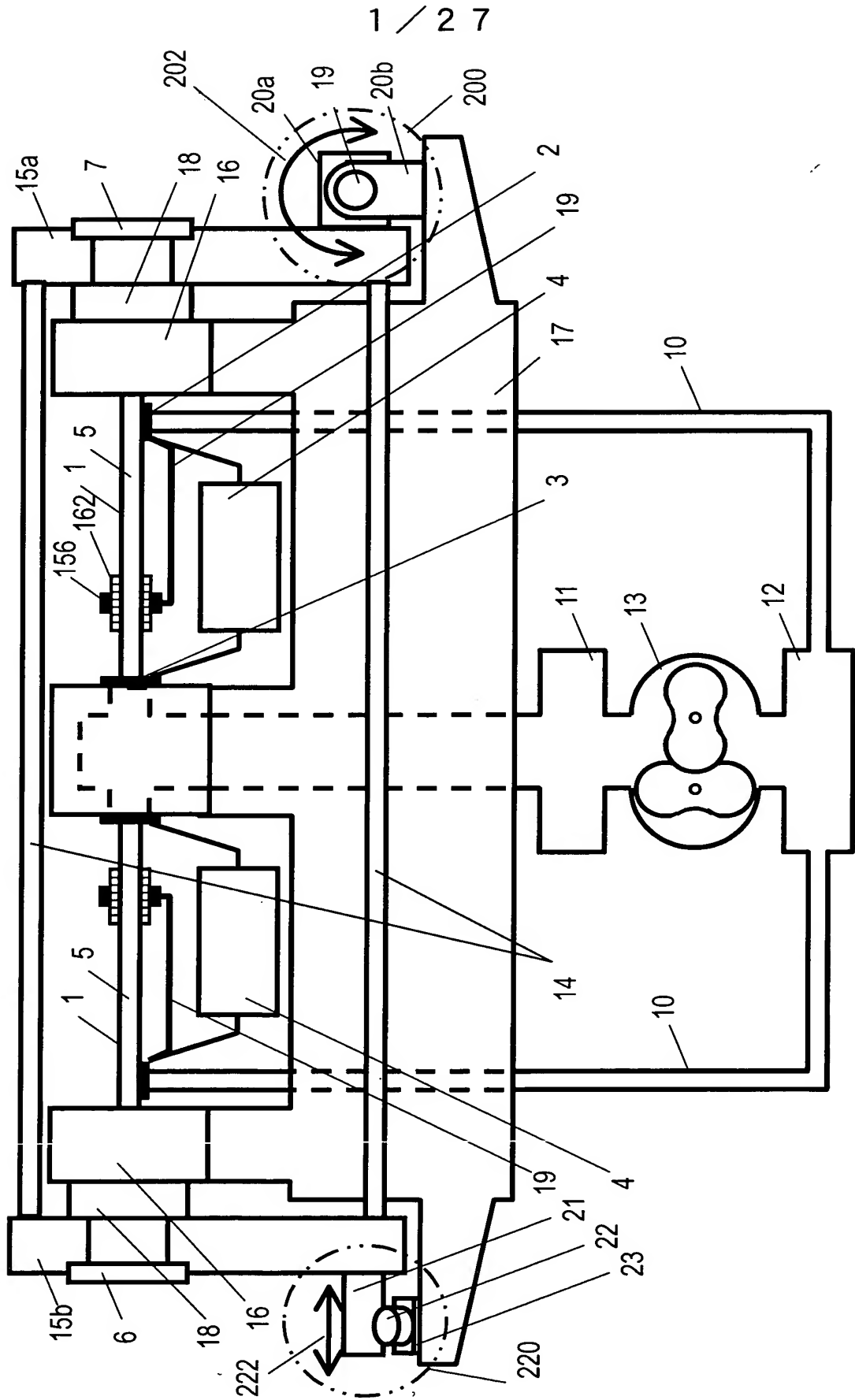
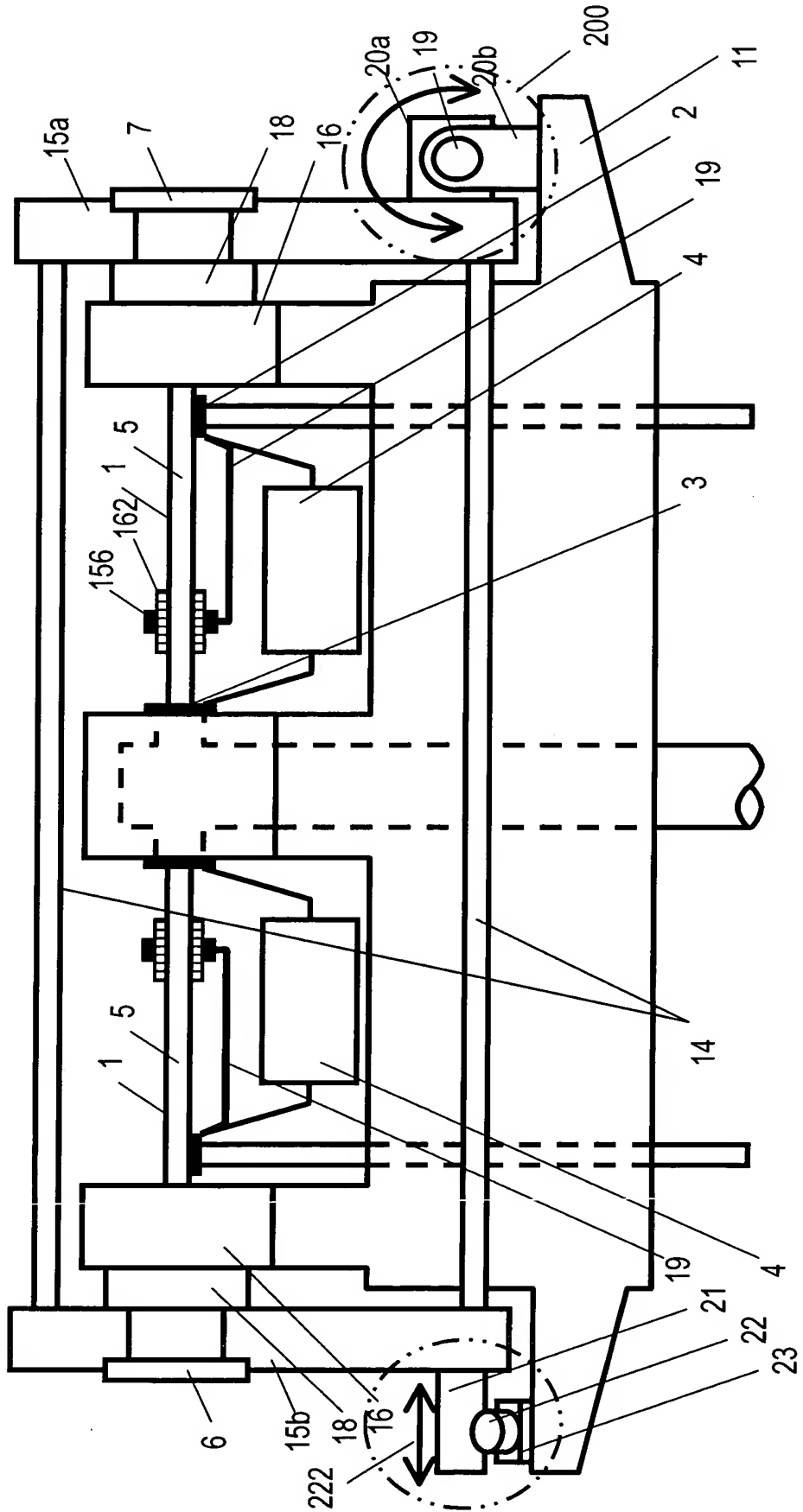


FIG.1



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FIG.2



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FIG.3B

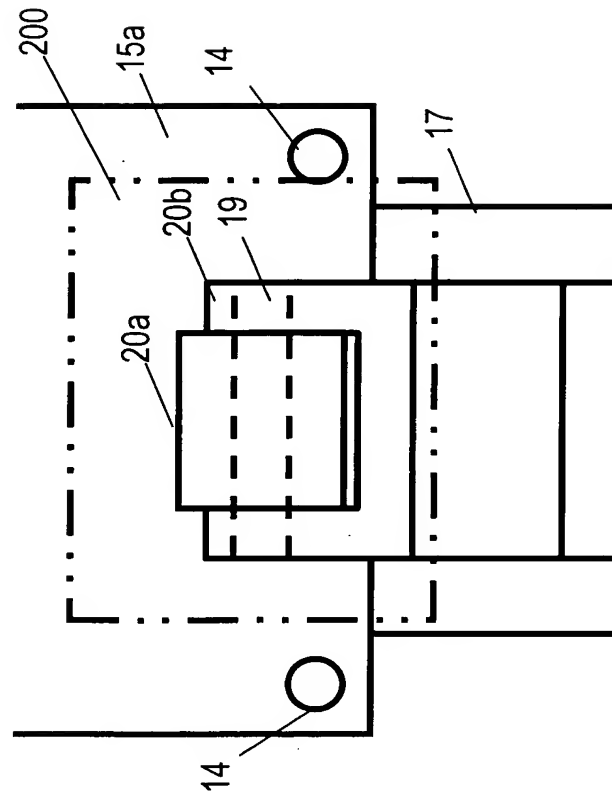
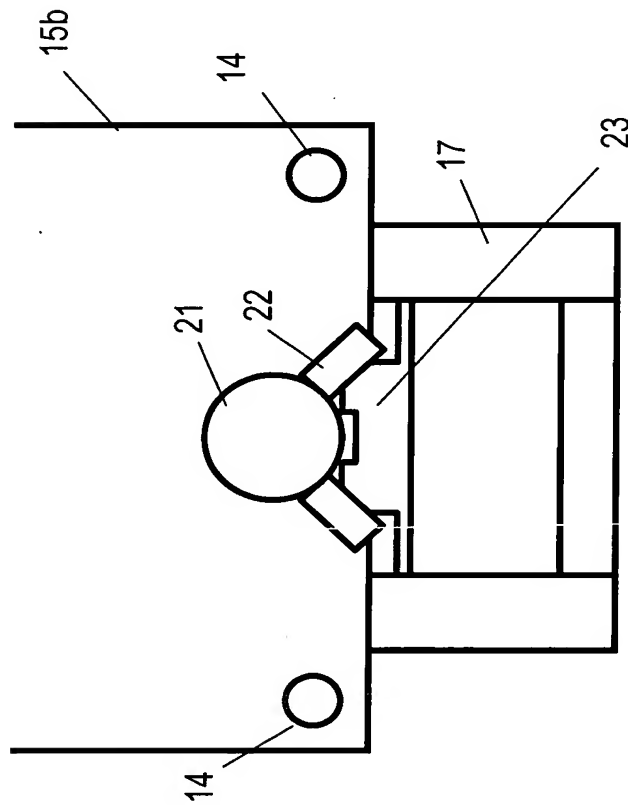
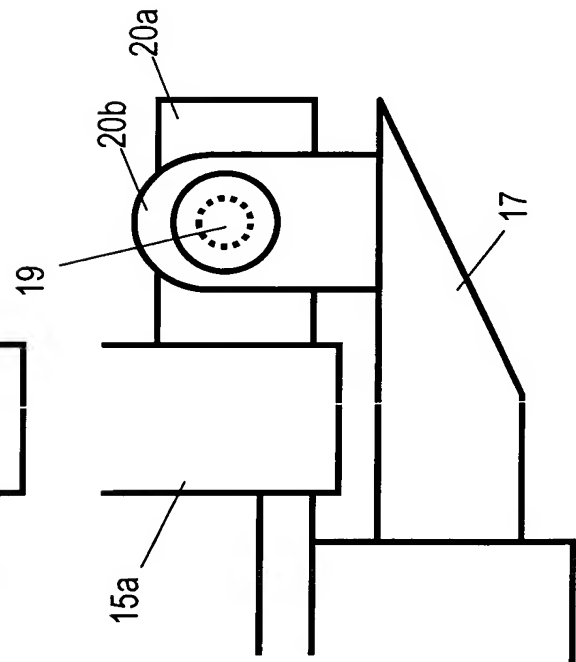
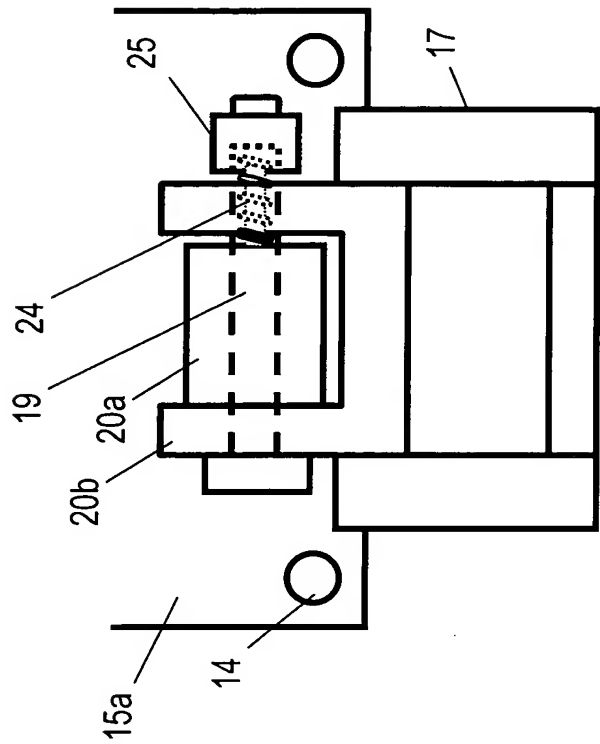
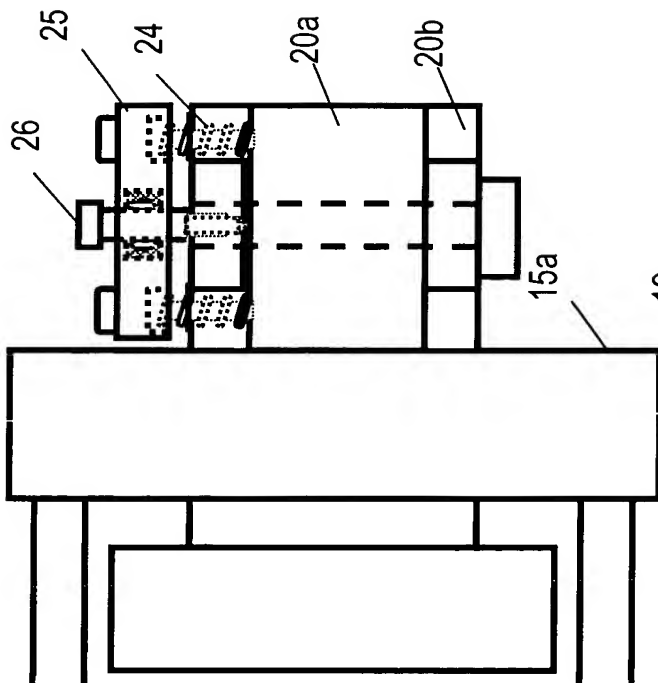


FIG.3A



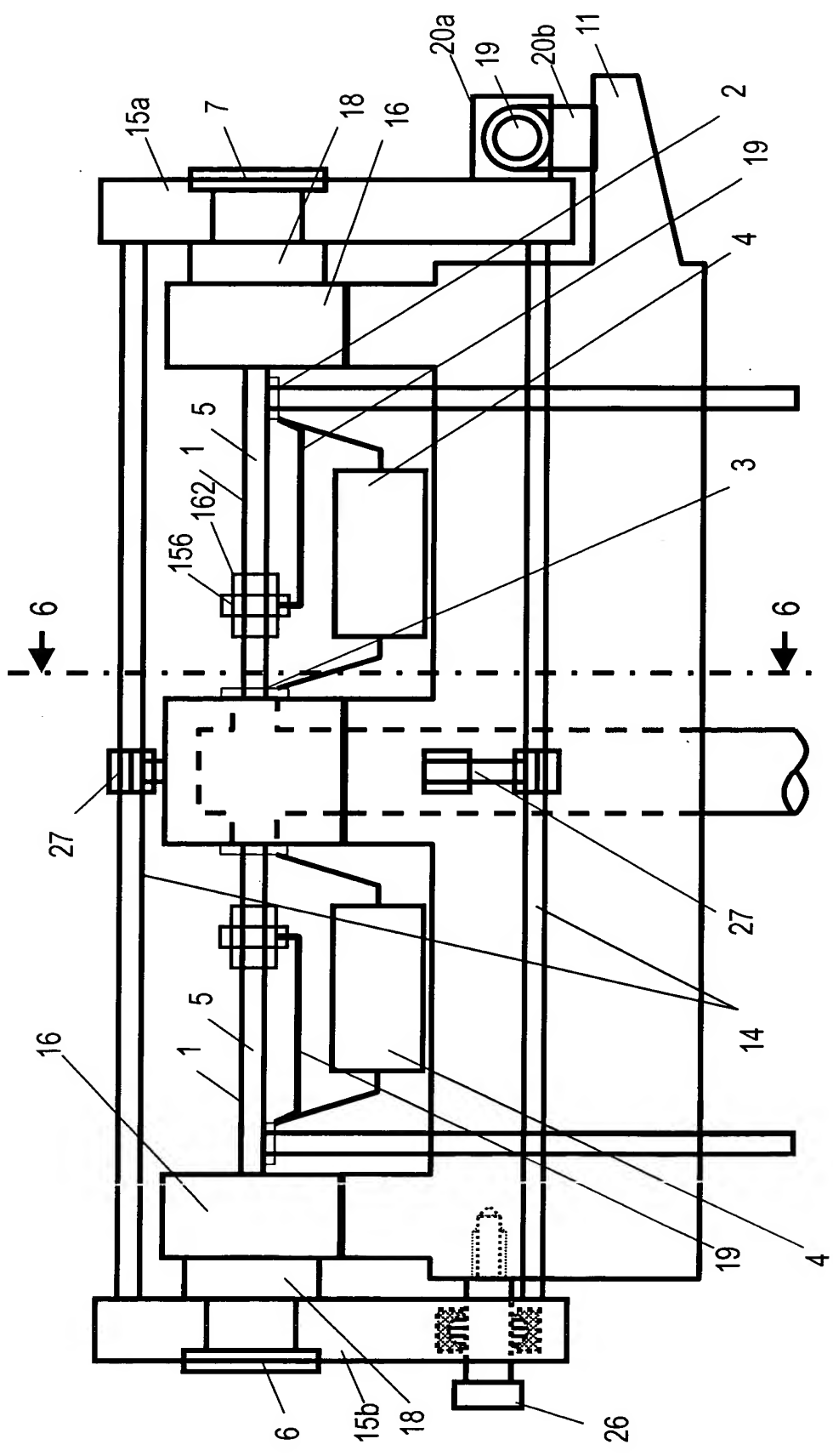
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FIG.4



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FIG.5A



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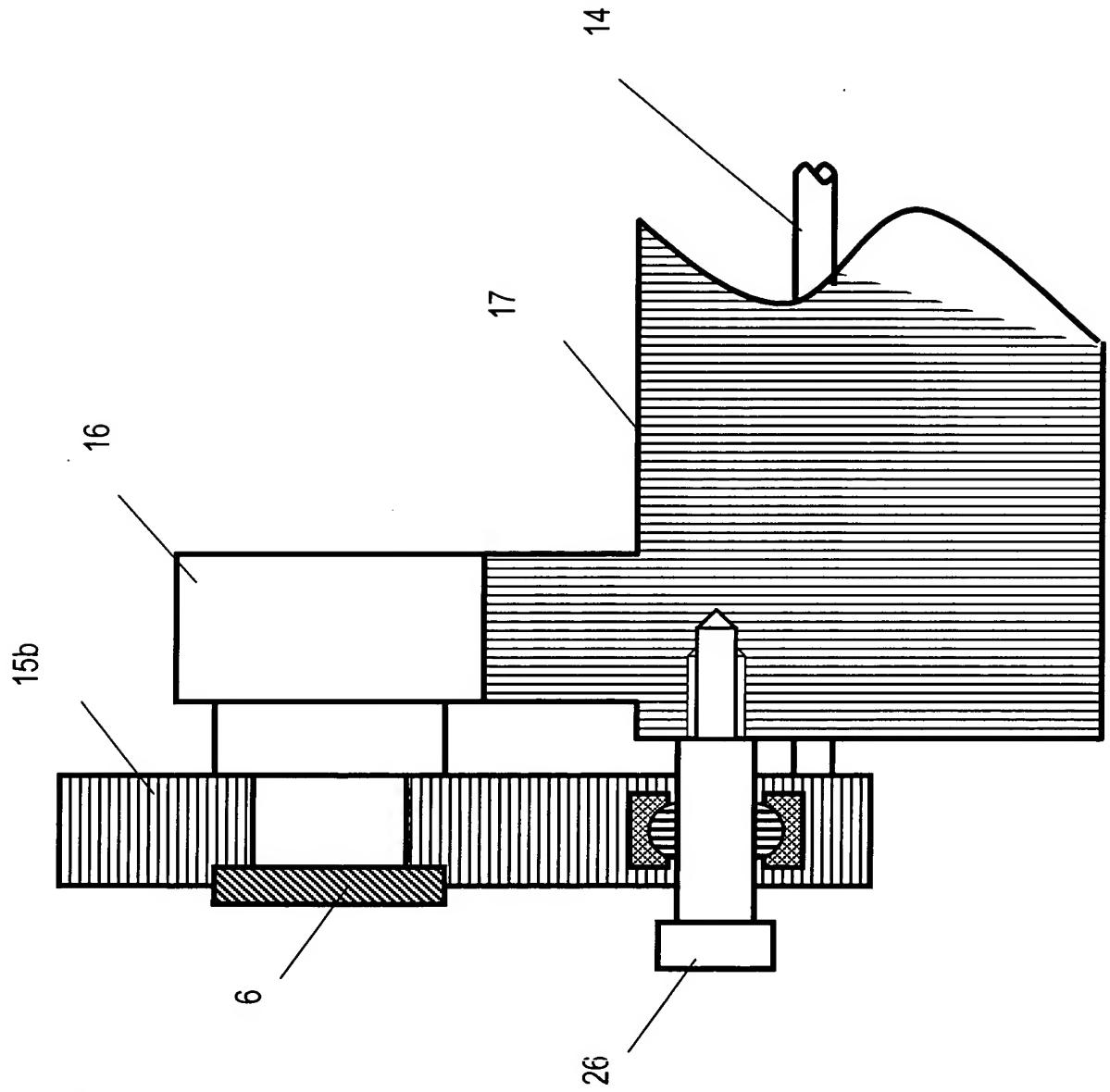
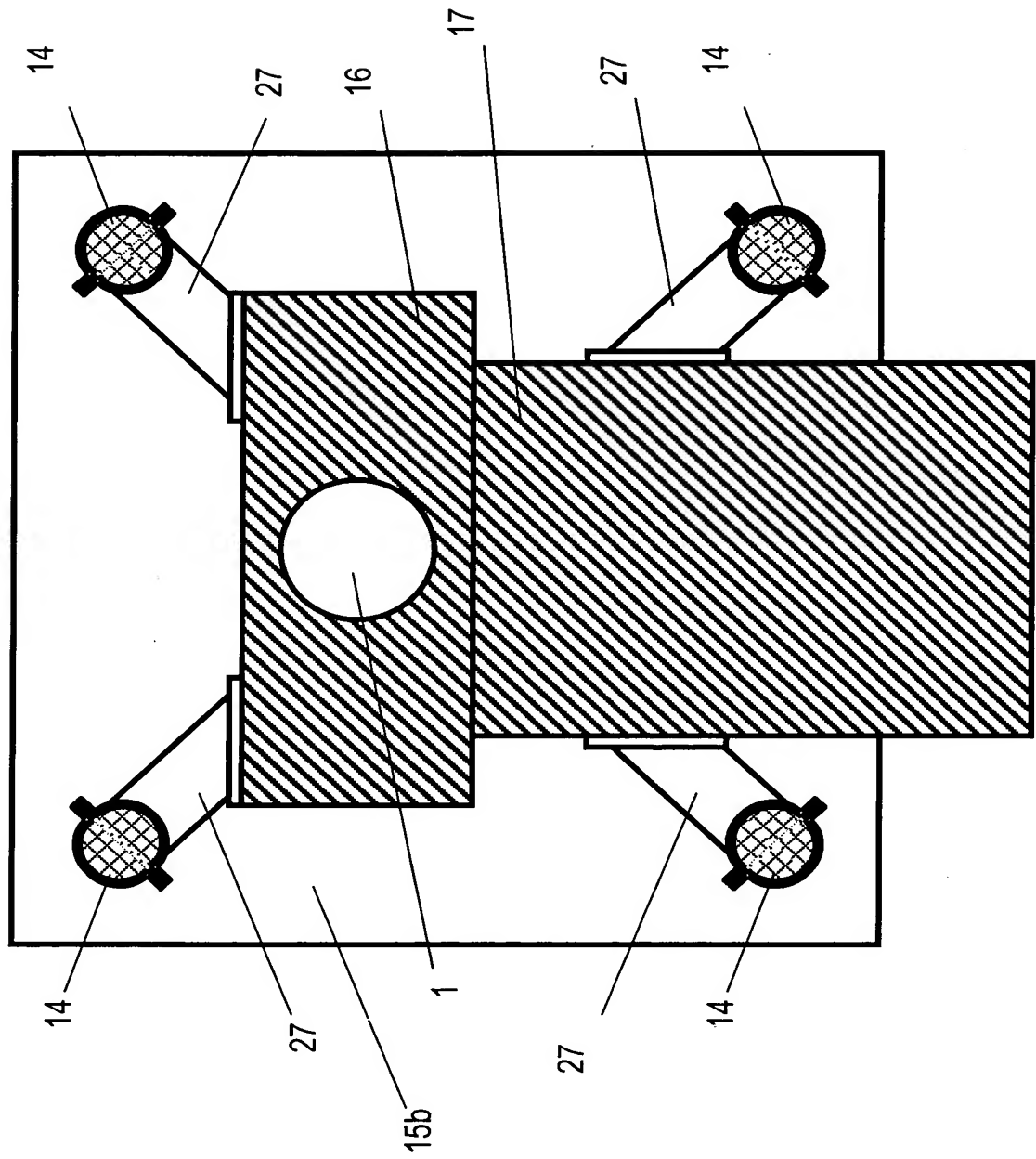


FIG. 5B

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FIG.6



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FIG.7

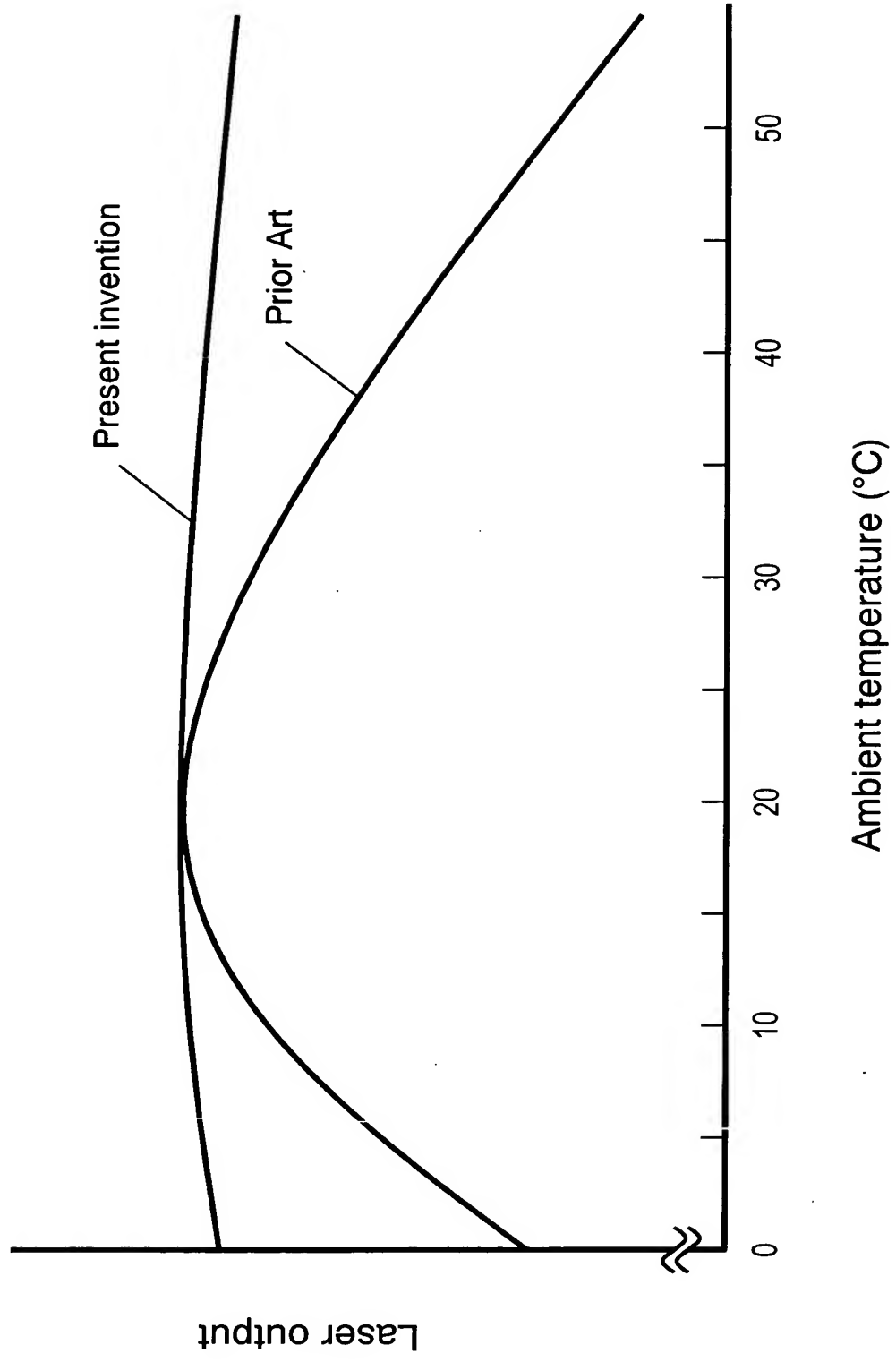


FIG.8

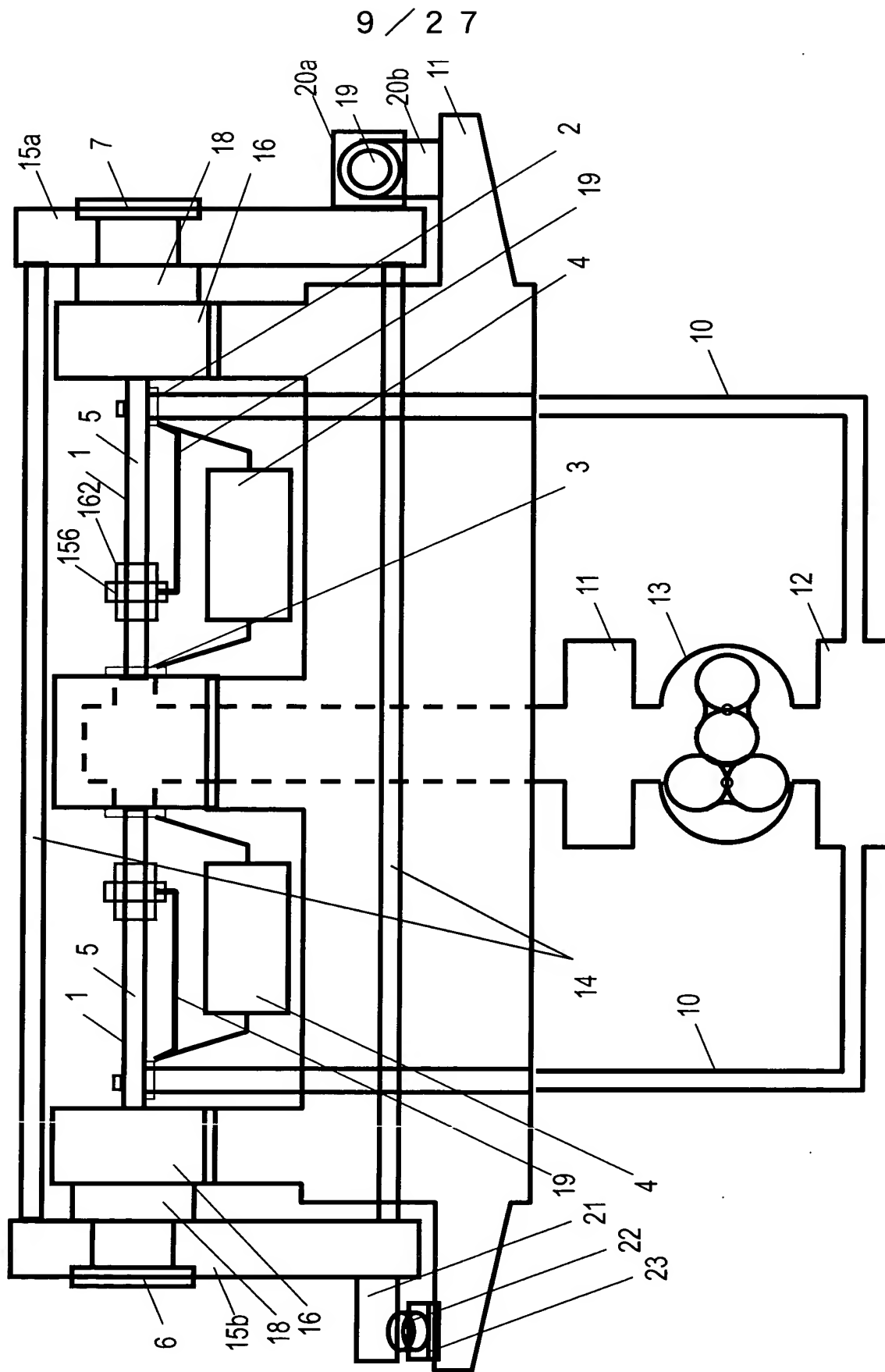


FIG.9

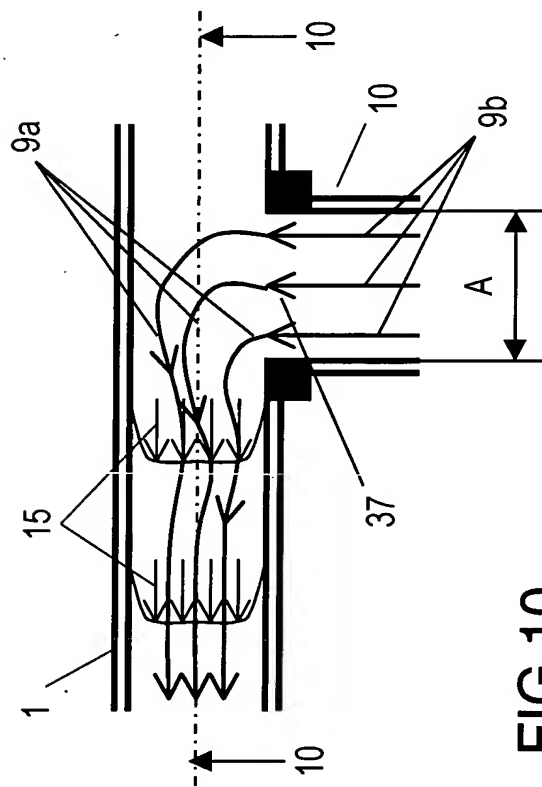


FIG.10

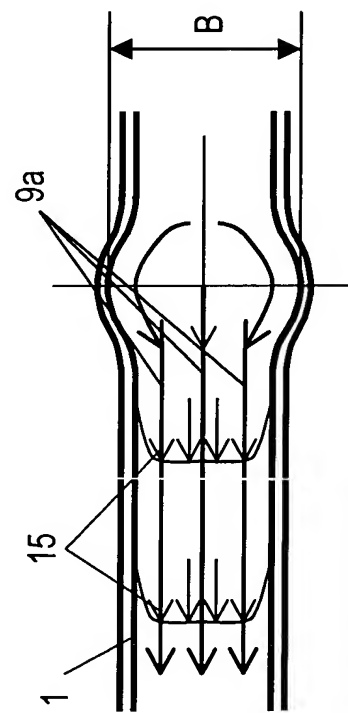
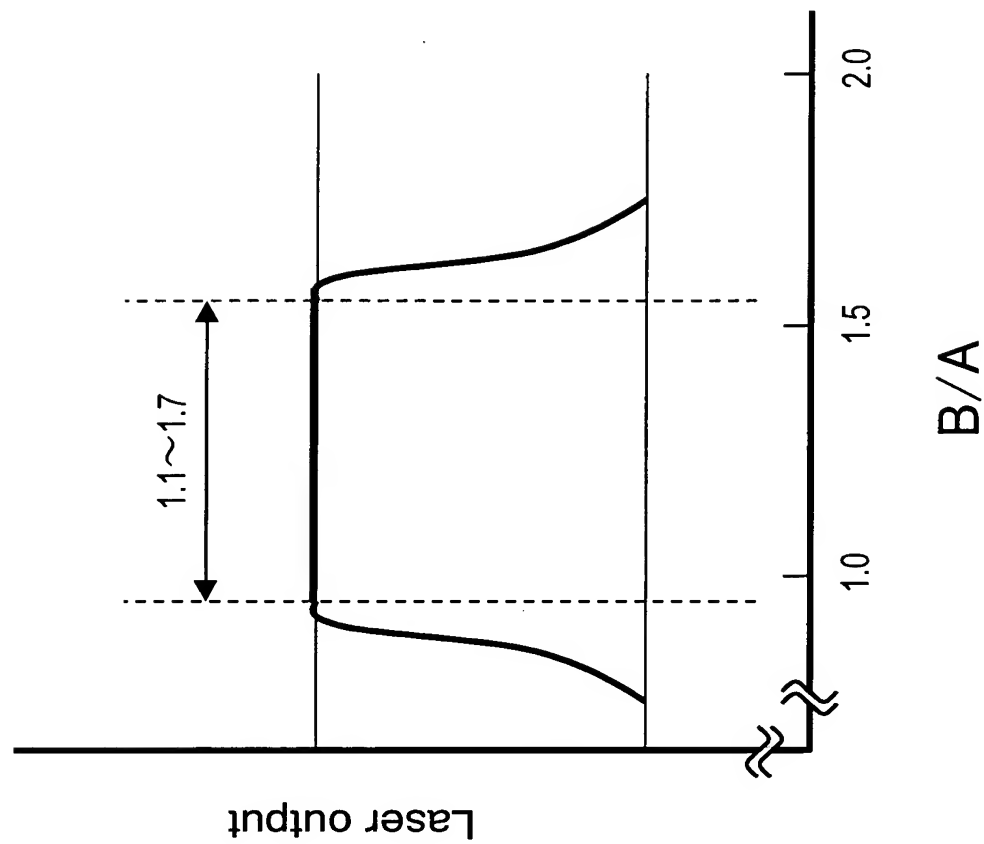


FIG.11



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FIG.12

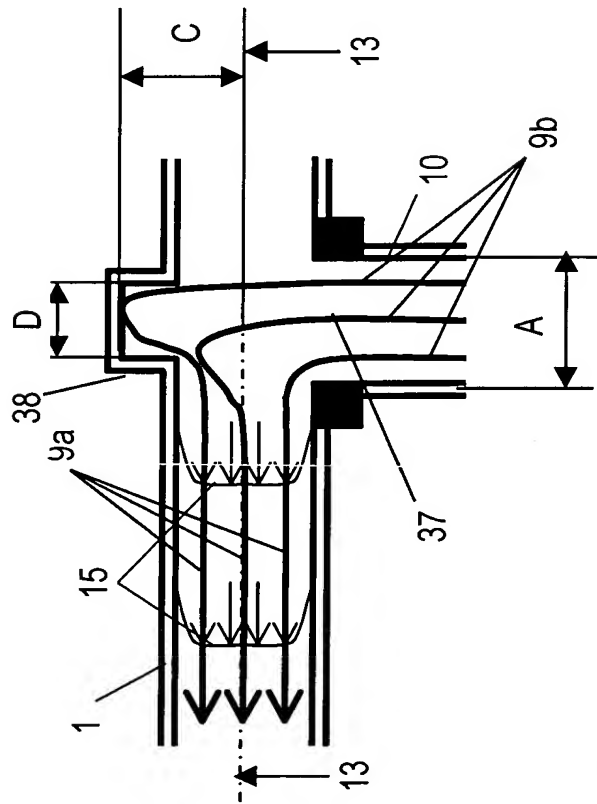


FIG.13

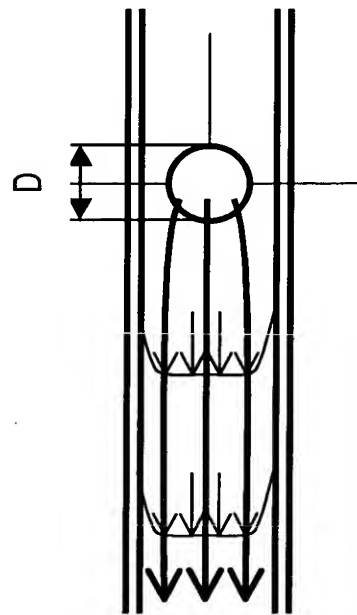


FIG.14

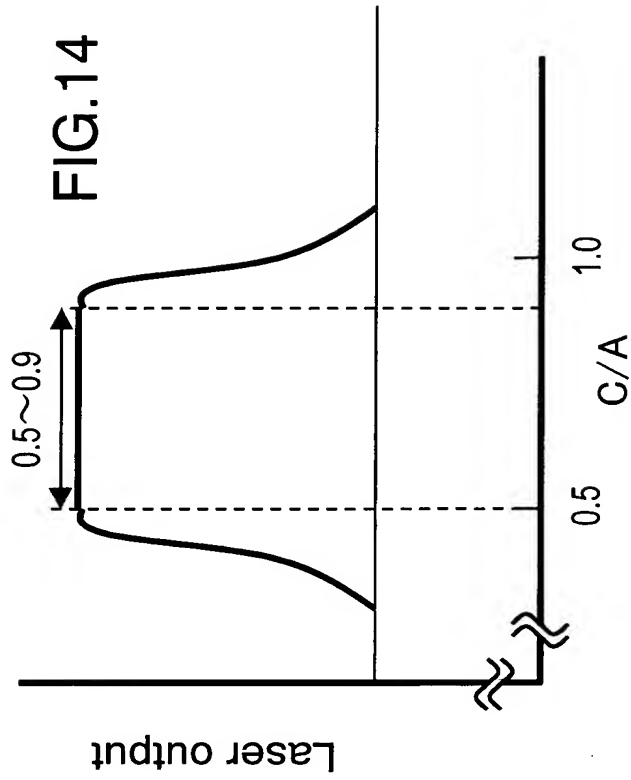


FIG.15

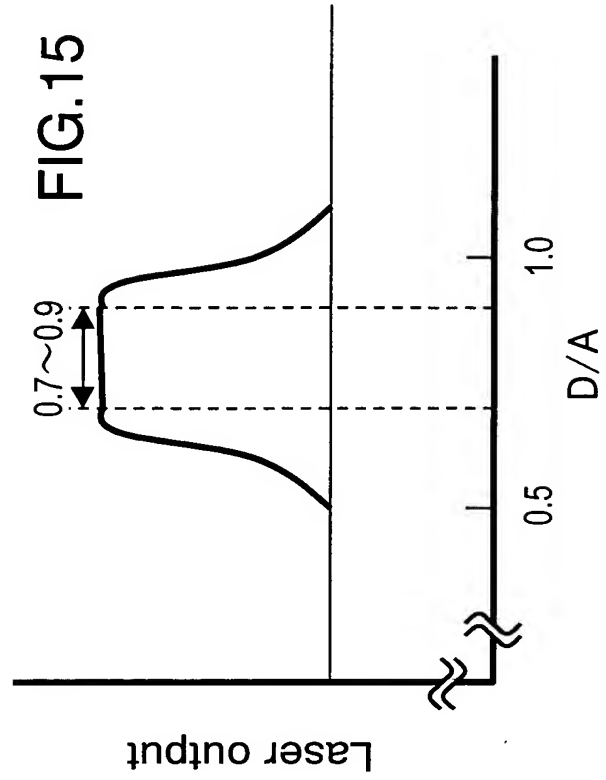


FIG.16

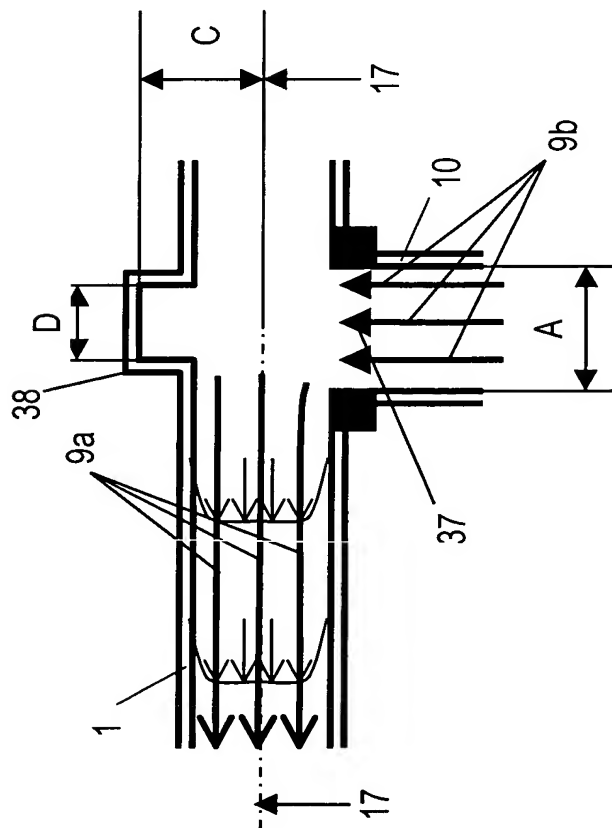


FIG.17

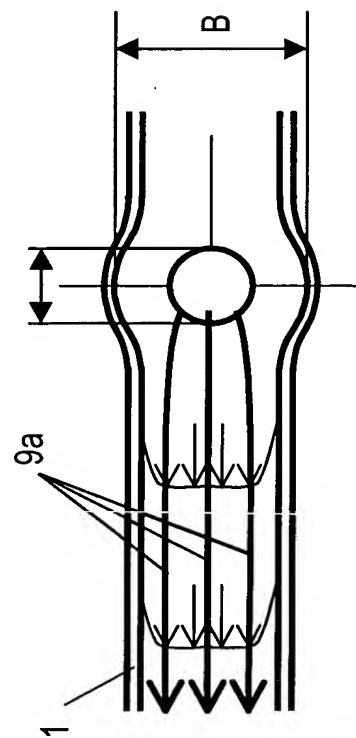
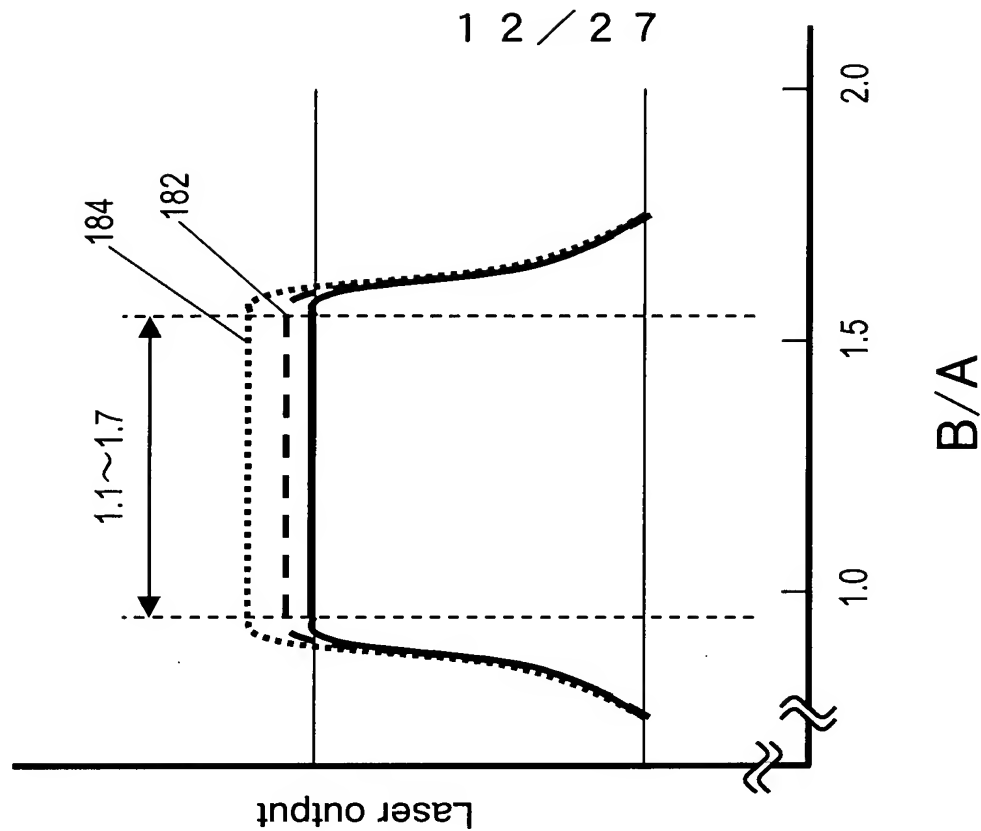


FIG.18



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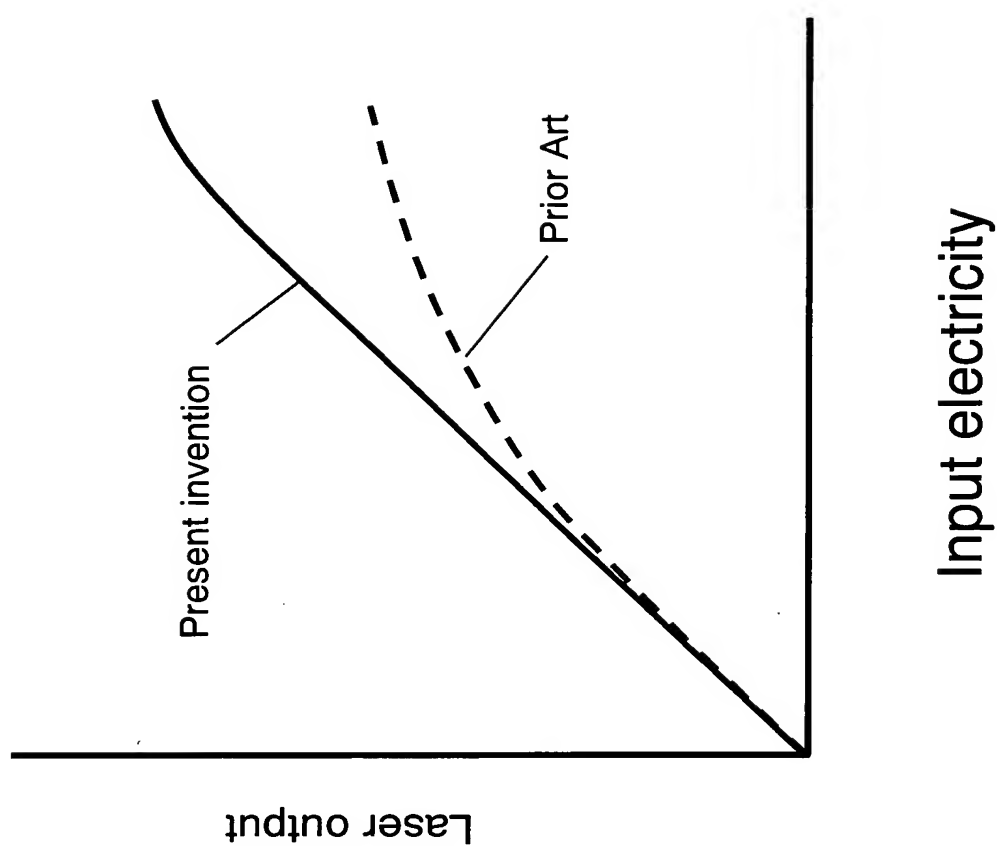
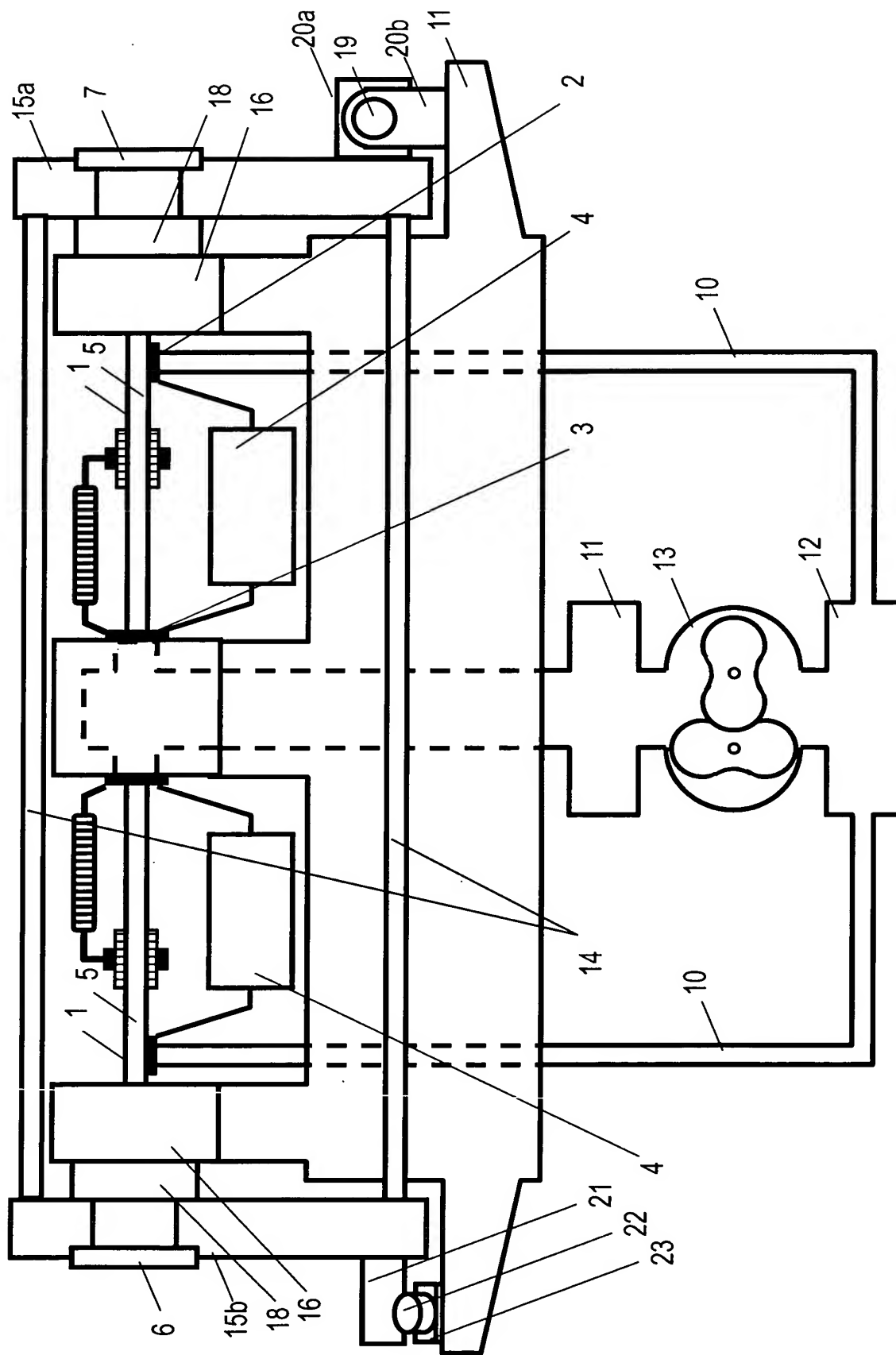


FIG.19

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FIG.20



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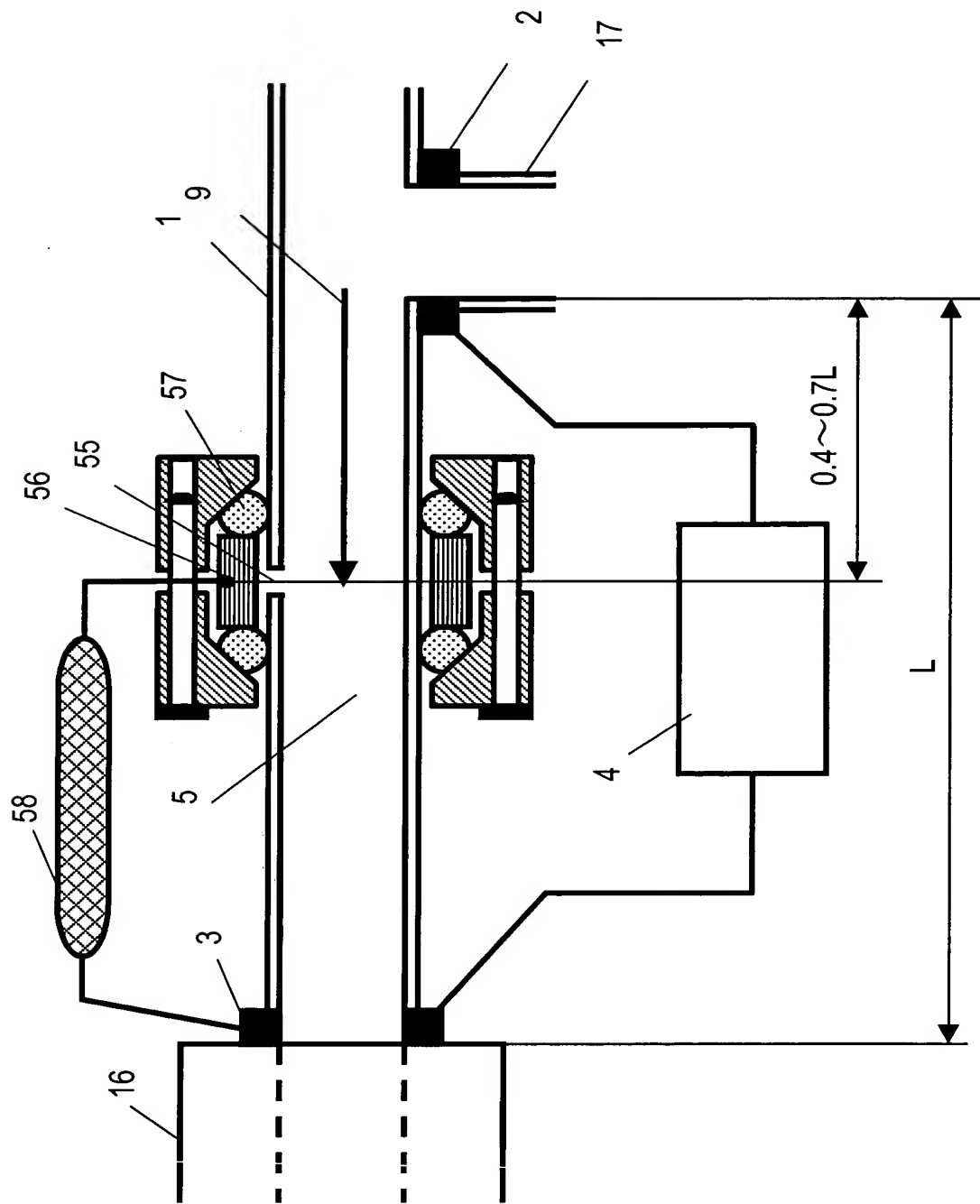


FIG. 21

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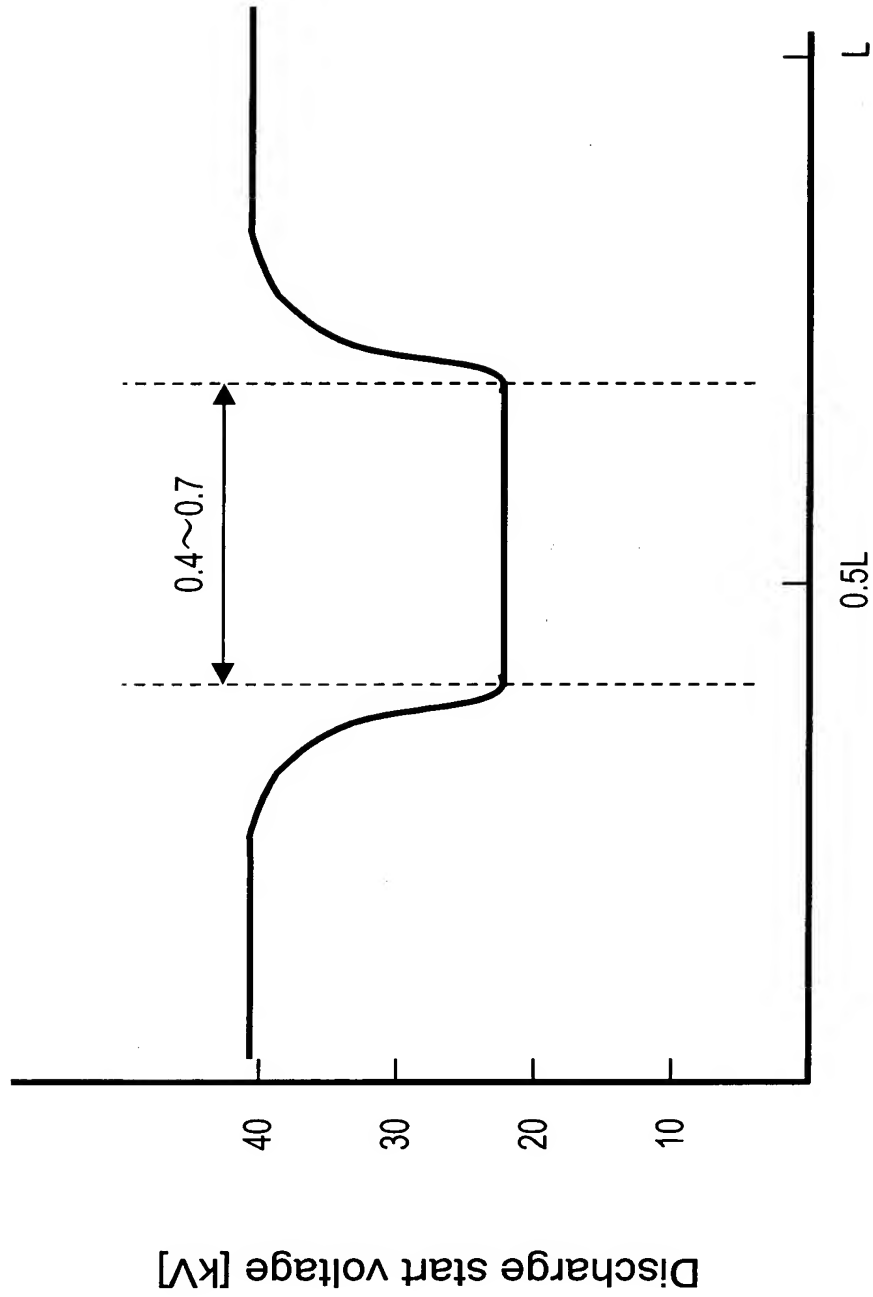


FIG.22

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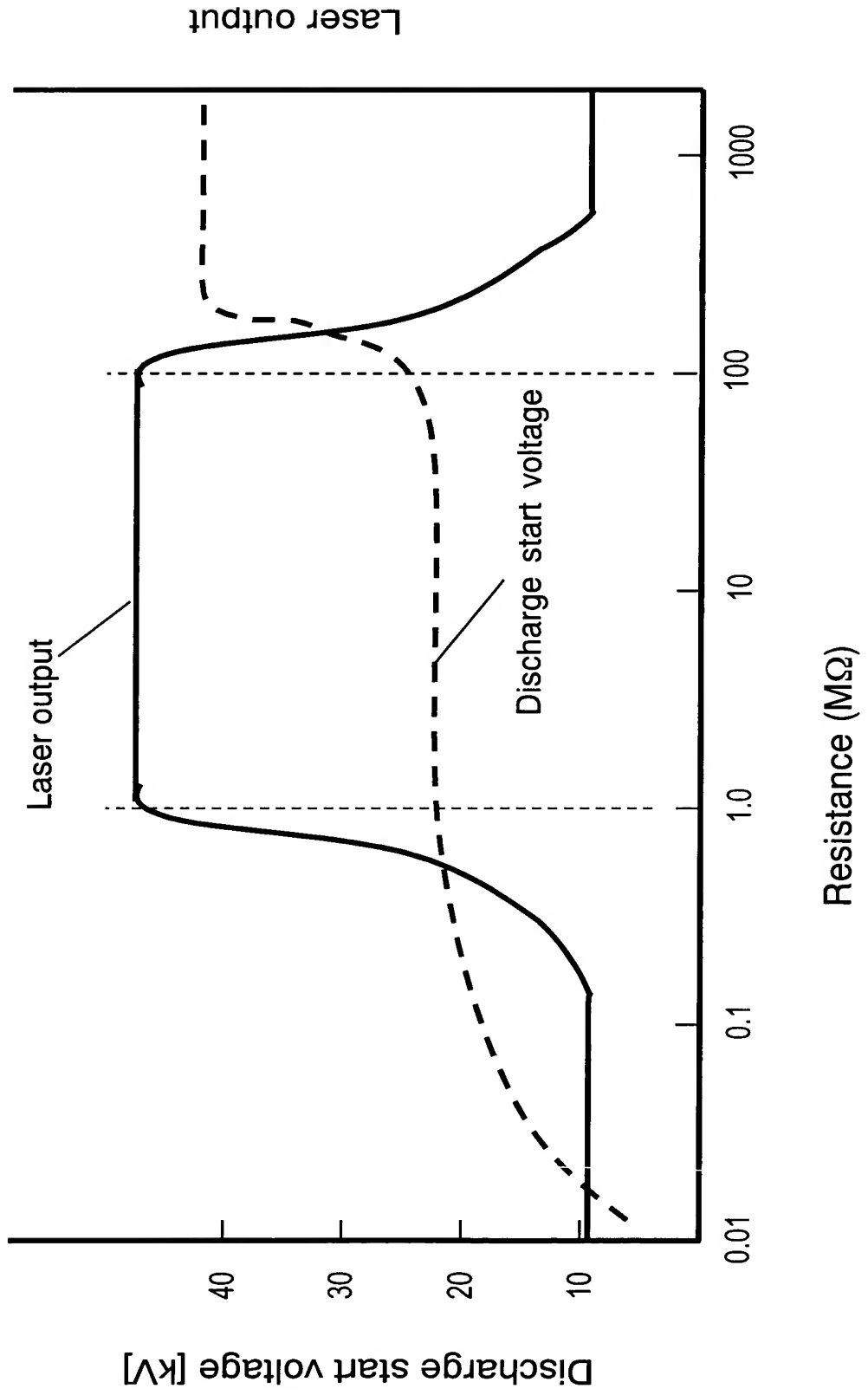
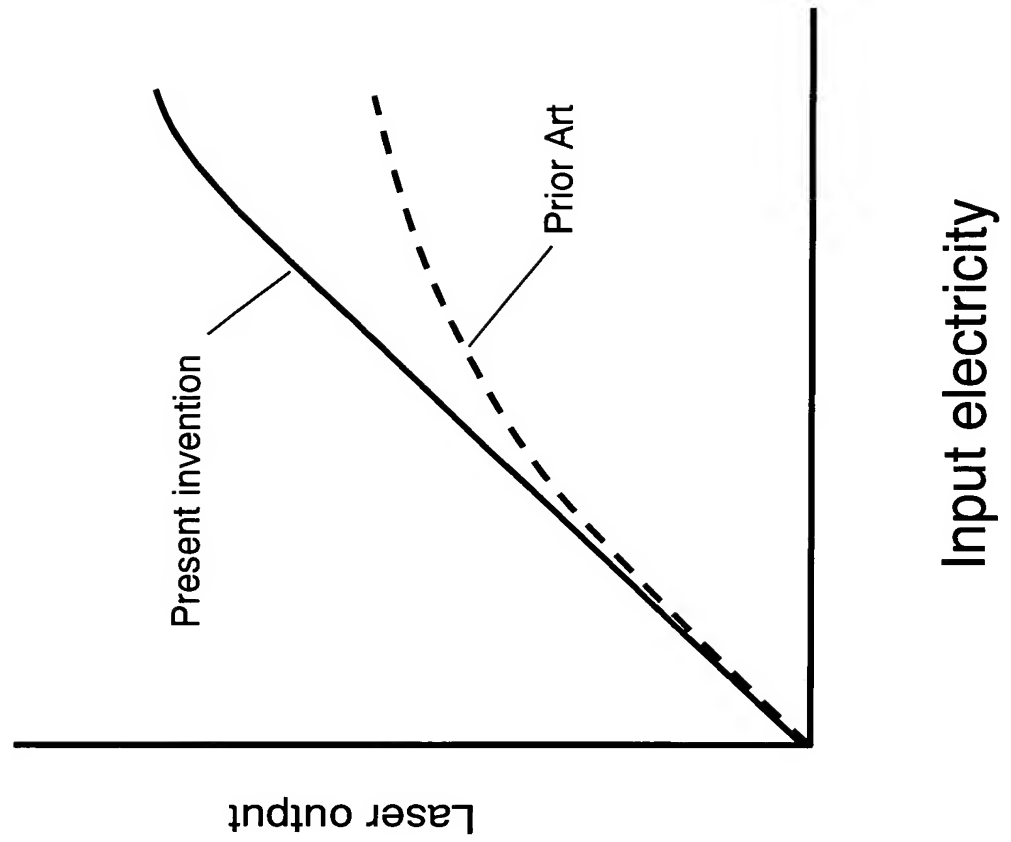


FIG.23

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FIG.24



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FIG.25

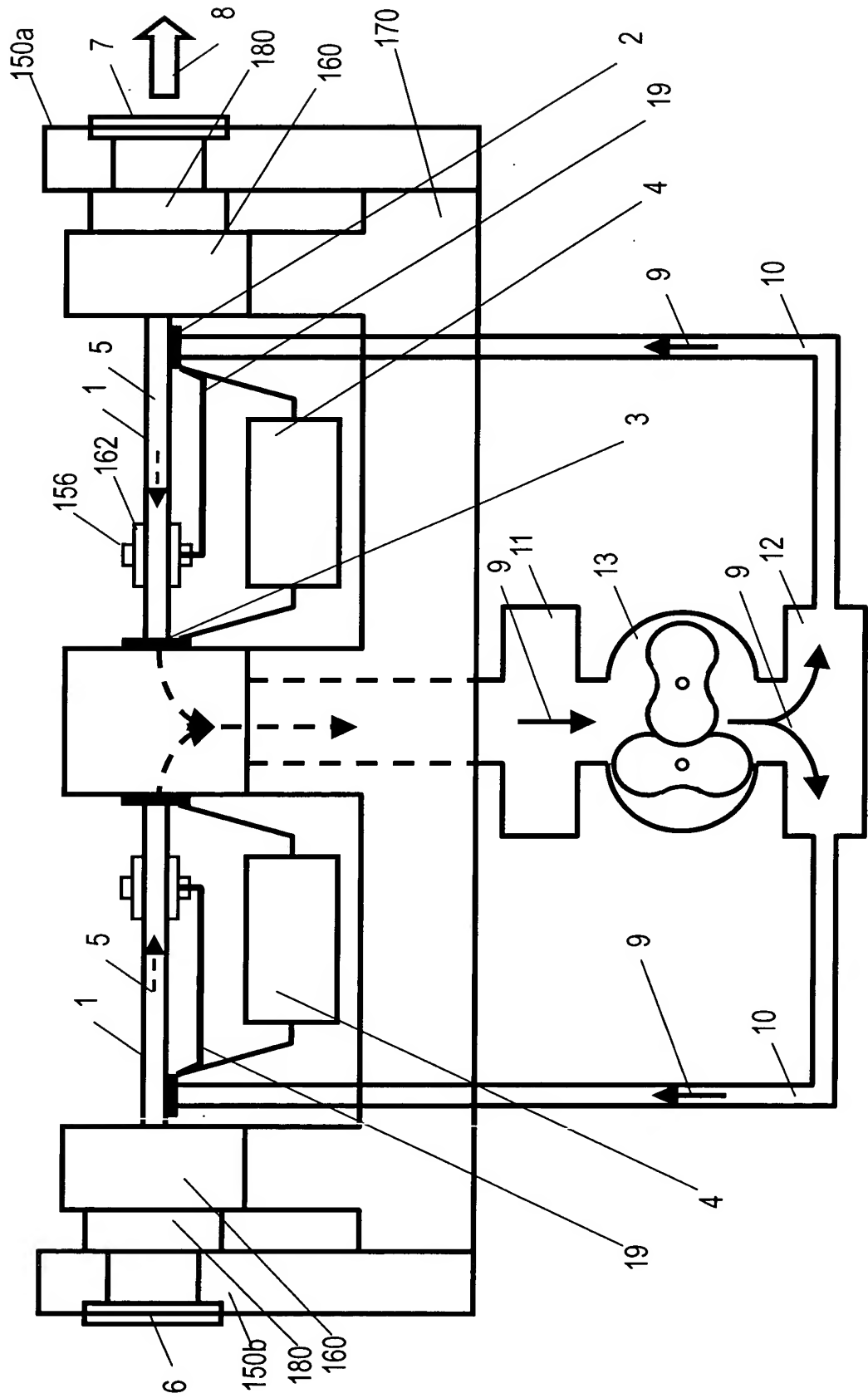
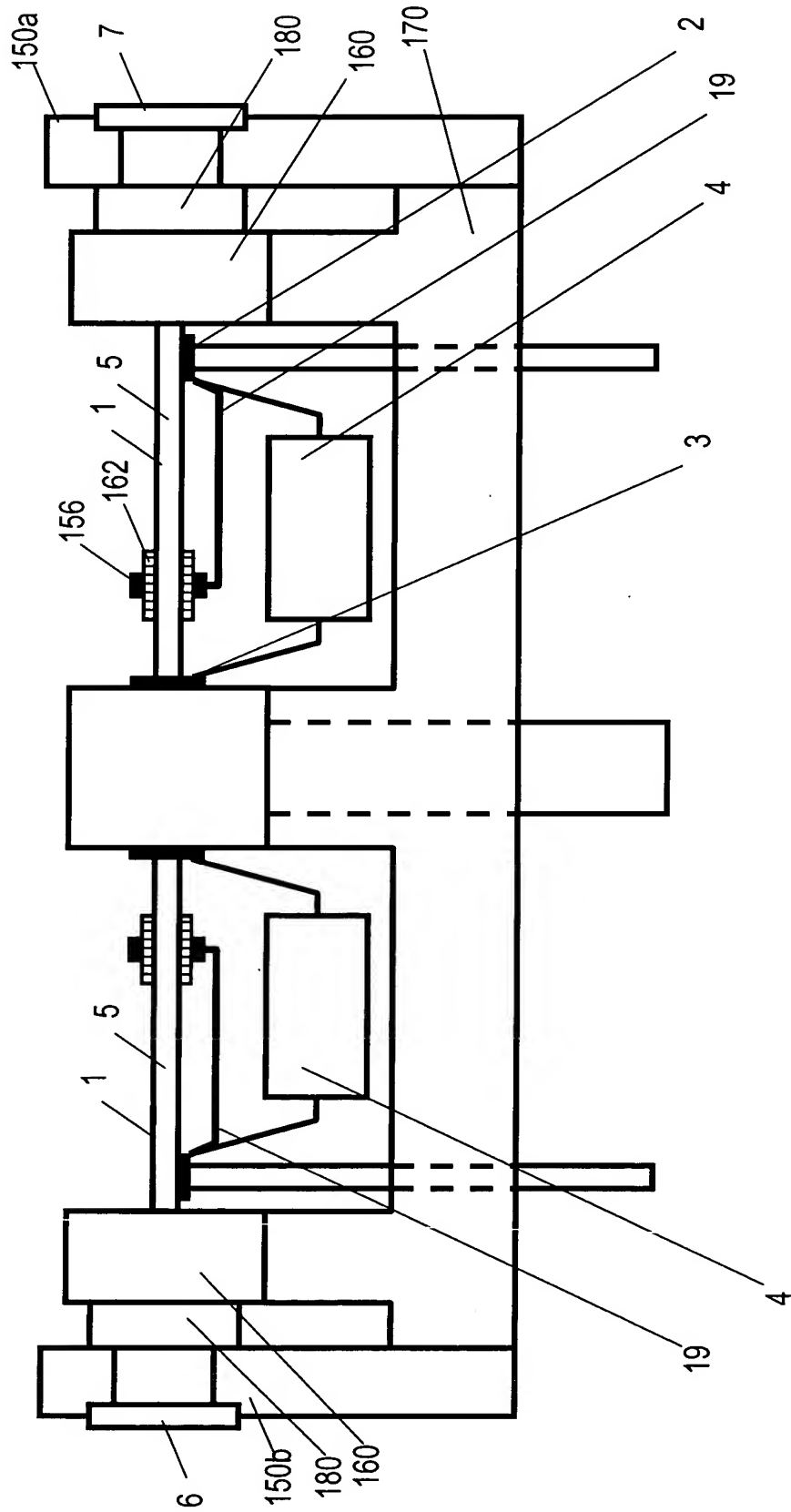


FIG. 26



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FIG.27

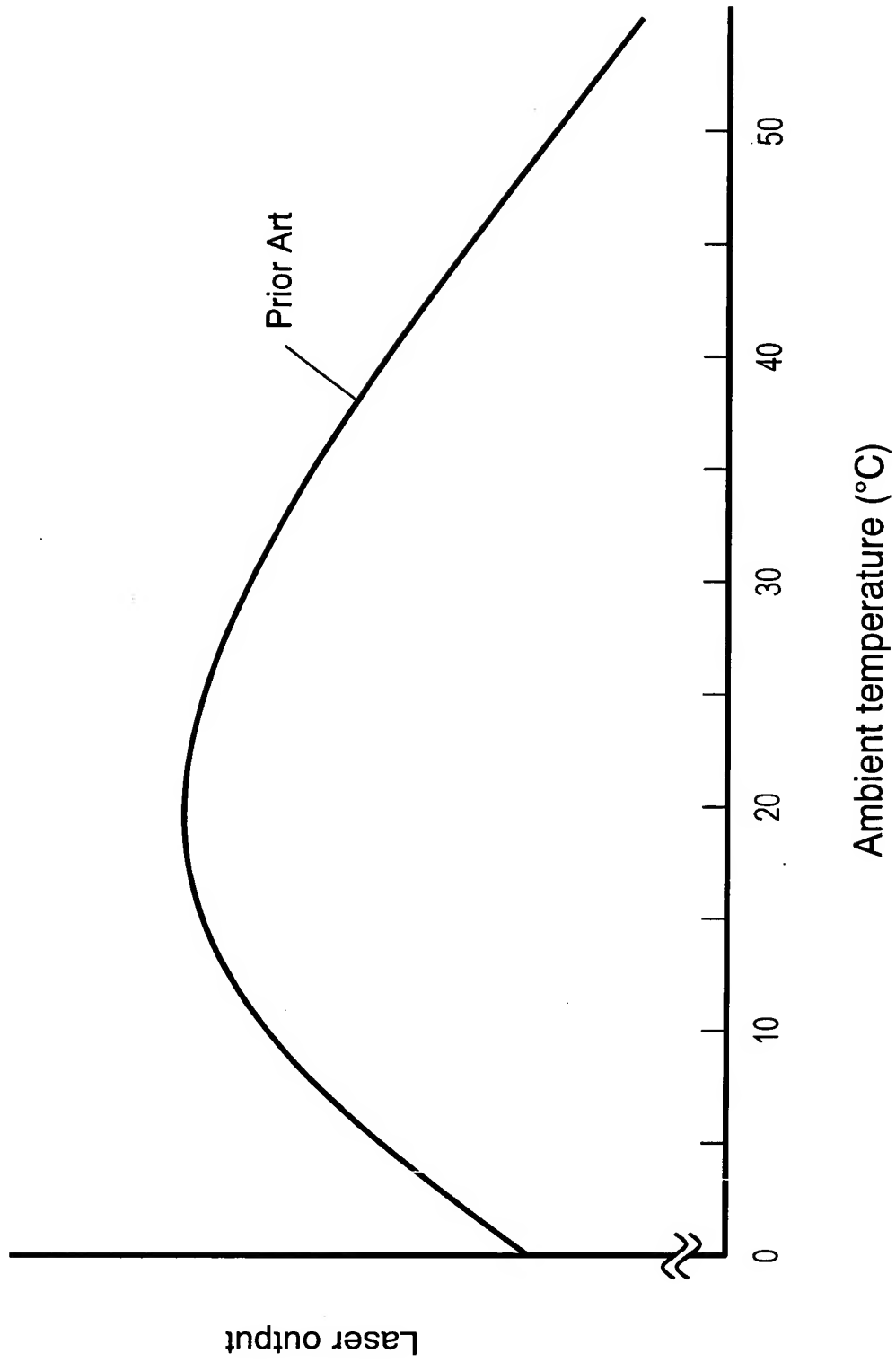


FIG.28

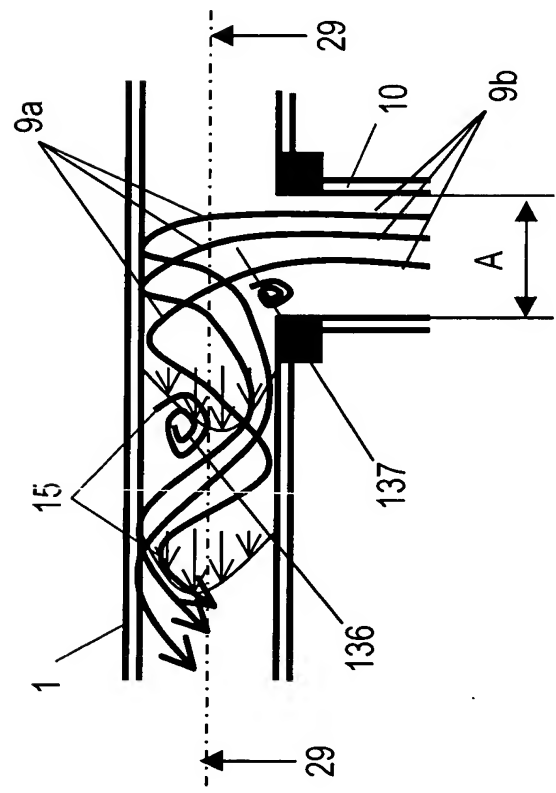


FIG.29

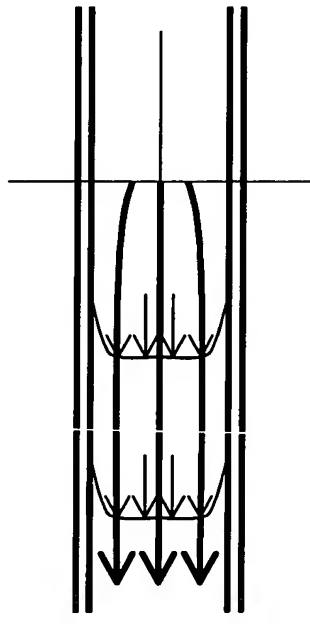
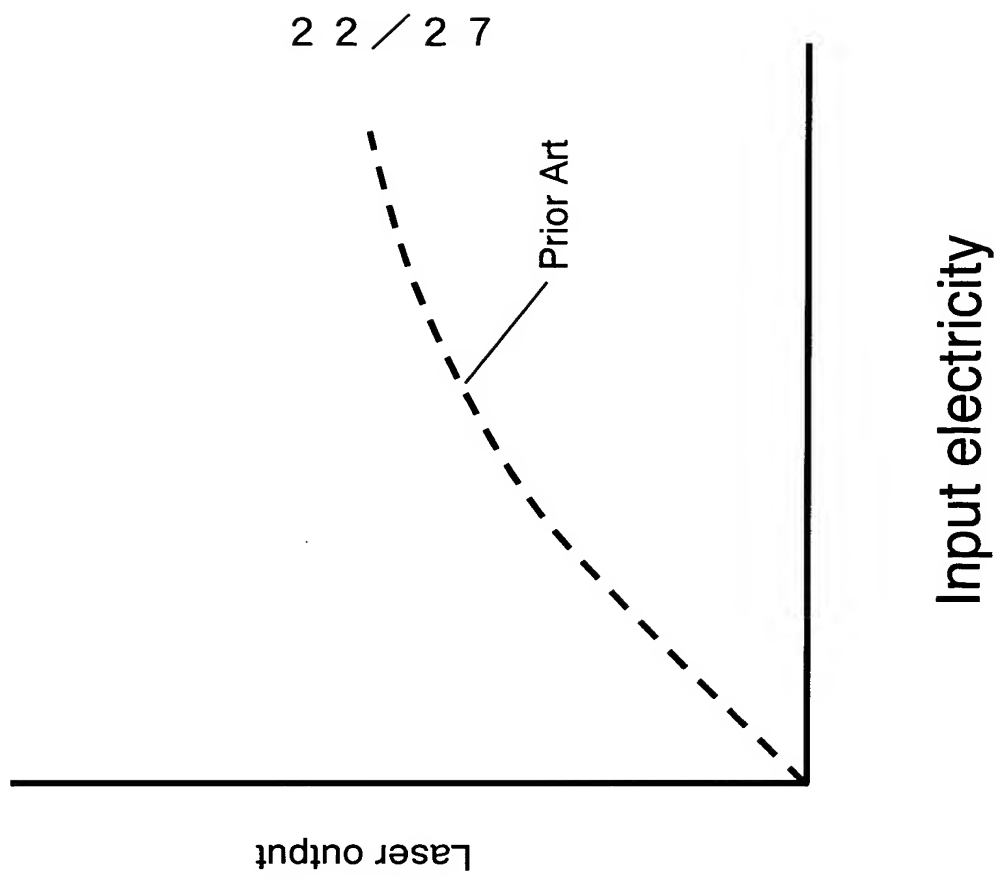


FIG.30



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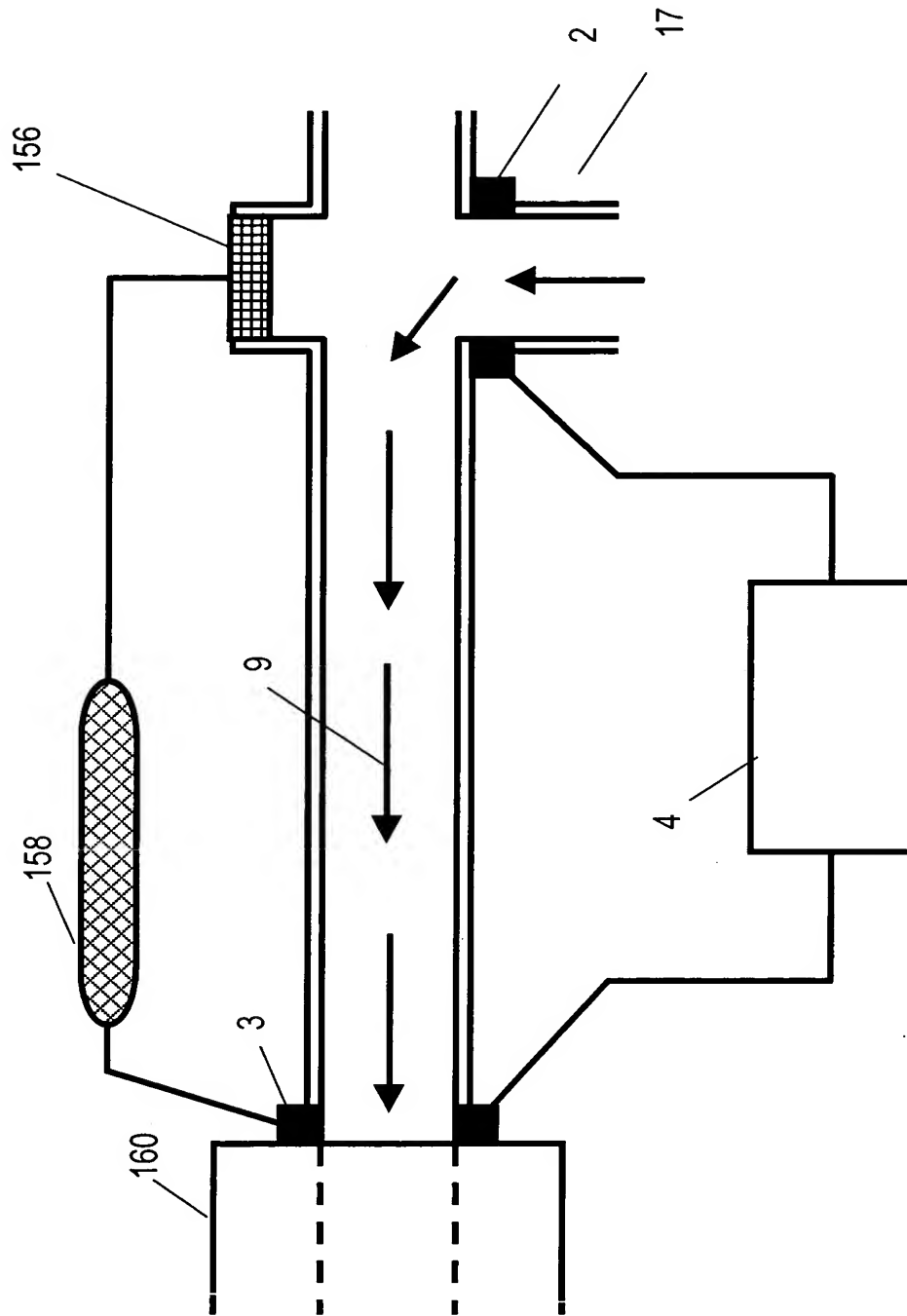
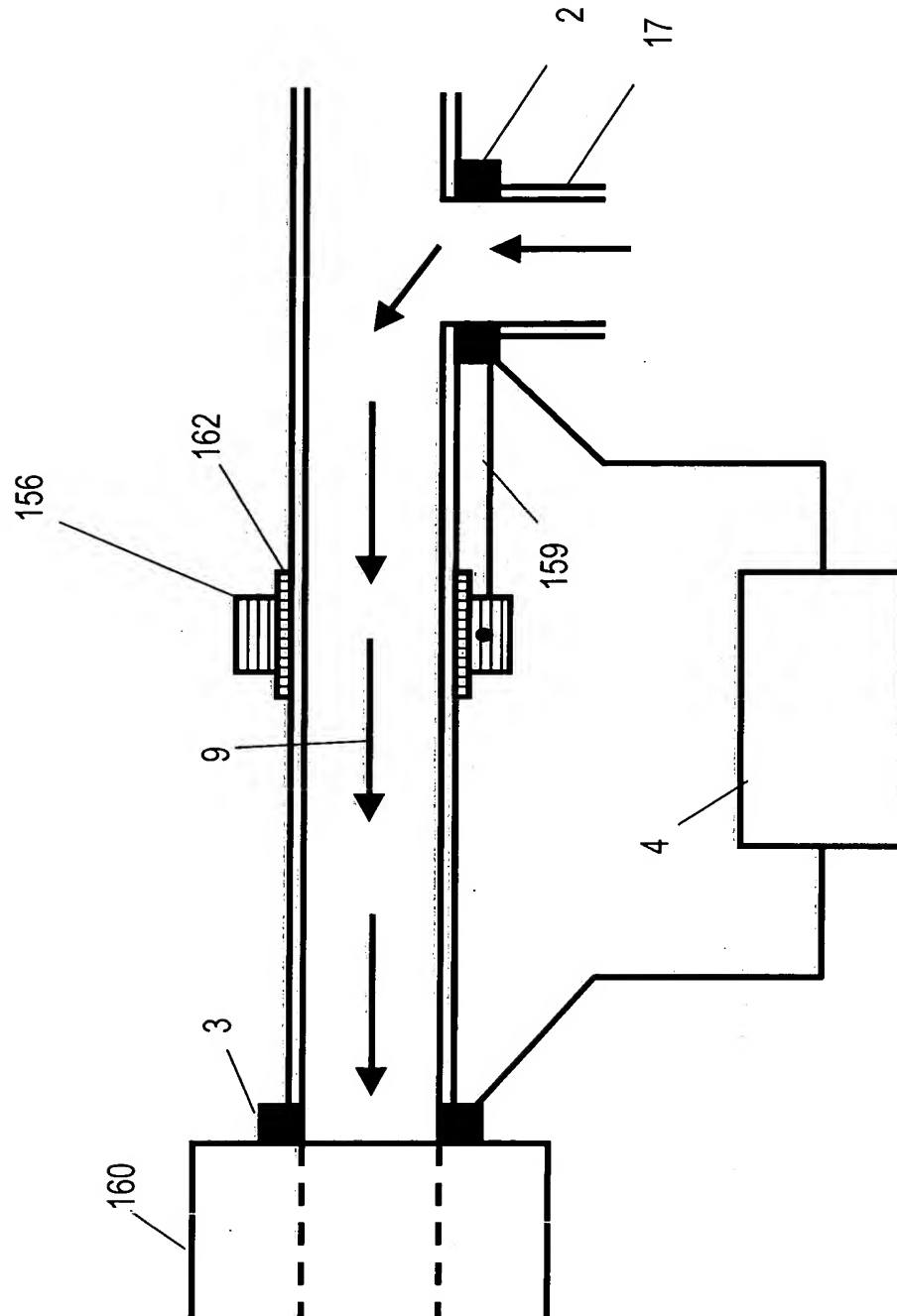


FIG.31

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FIG.32



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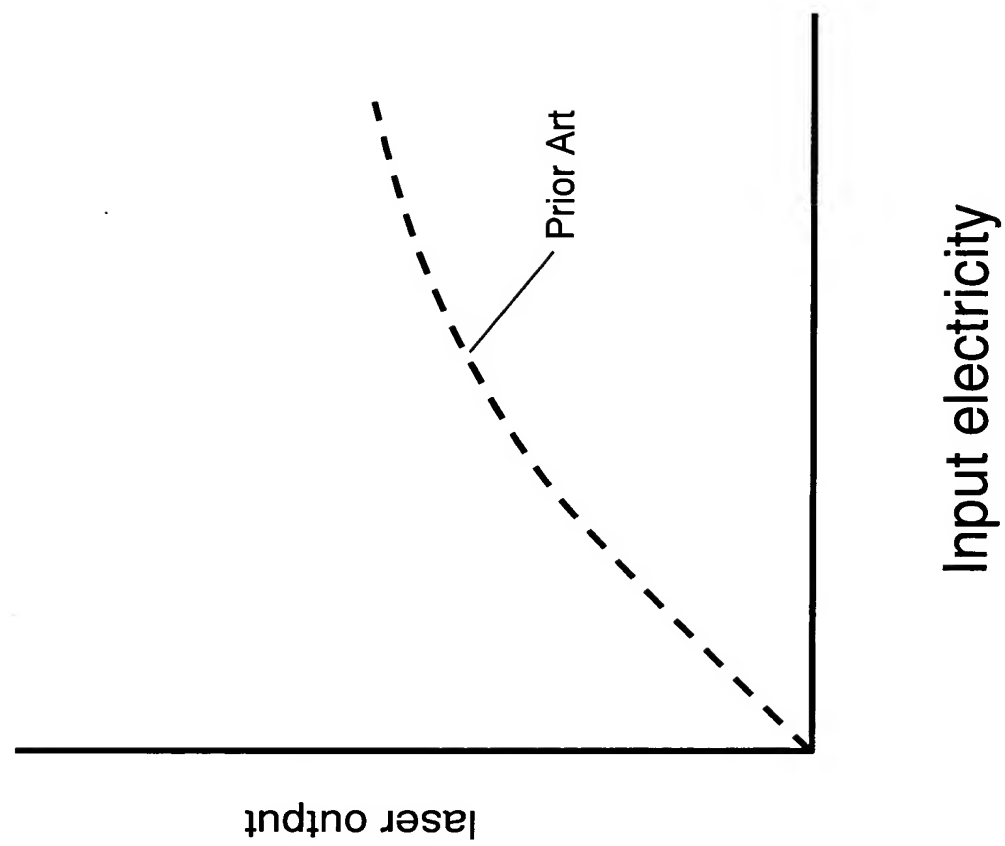


FIG.33

Reference numerals

	1	Discharge tube
	2, 3	Electrode
	4	Power supply unit
5	5	Discharge area
	6	Rear mirror
	7	Output mirror
	8	Laser beam
	9	Gas circulation direction
10	10	Laser gas passage
	11, 12	Heat exchanger
	13	Blower
	14	Mirror holder connecting rod
	15a, 150a	Output mirror holder
15	15b, 150b	Rear mirror holder
	16, 160	Discharge tube holder
	17, 170	Discharge tube holder base
	18, 180	Connection tube
	19	Rotary shaft
20	20a	Support unit
	20b	Rotary shaft support unit
	21	Support bar
	22	Rotating element
	23	Rotating element support unit
25	200	Rotation support unit

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	220	Slider
	24	Spring member
	25	Spring holder
	26	Pillow ball
5	27	Rib
	36, 136	Vortex
	37, 137	Laser gas inlet
	38	Columnar protrusion
	55	Hole
10	56, 156	Auxiliary electrode
	57	O-ring
	58, 158	High resistance resistor
	59	Laser gas flow direction
	159	Conductor
15	162	Insulating sheet